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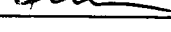


REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A1	Borkholder, D.A., et al., "Microelectrode Arrays for Stimulation of Neural Slice Preparations", <i>J. Neurosci. Meth.</i> , 77, 61-66 (1997).
	A2	Chen, C. et al., "Geometric Control of Cell Life and Death", <i>Science</i> , 276, 1425-1428 (1997).
	A3	Deng, L. et al., "Self-Assembled Monolayers of Alkanethiolates Presenting Tri(propylene sulfoxide) Groups Resist the Adsorption of Protein", <i>J. Am. Chem. Soc.</i> , 118, 5136-5137 (1996).
	A4	Feldman, K. et al., "Probing Resistance to Protein Adsorption of Oligo(ethylene glycol)-Terminated Self-Assembled Monolayers by Scanning Force Microscopy", <i>J. Am. Chem. Soc.</i> , 121, 10134-10141 (1999).
	A5	Harder, P. et al., "Molecular Conformation in Oligo(ethylene glycol)-Terminated Self-Assembled Monolayers on Gold and Silver Surfaces Determines Their Ability to Resist Protein Adsorption", <i>J. Phys Chem B</i> , 102, 426-436 (1998).

EXAMINER 	DATE CONSIDERED <u>4/22/02</u>
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FORM PTO-1449	SERIAL NO. 09/689,263	CASE NO. 7814-42
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE October 11, 2000	GROUP ART UNIT 1651
(use several sheets if necessary)		APPLICANT(S): Mrksich et al.

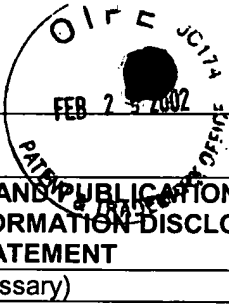
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
<i>am</i>	A6	Harris, J.M. <i>Poly(Ethyl Glycol) Chemistry</i> ; Plenum: New York (1992).
<i>am</i>	A7	Hodneland, C. et al., "Biomolecular Surfaces that Release Ligands Under Electrochemical Control", <i>J. Am. Chem. Soc.</i> , 122, 4235-4236 (2000).
<i>am</i>	A8	Hodneland, C. et al., "Design of Self-Assembled Monolayers That Release Attached Groups Using Applied Electrical Potentials," <i>Langmuir</i> , 13, 6001-6003 (1997).
<i>am</i>	A9	Houseman, B. et al., "The Role of Ligand Density in the Enzymatic Glycosylation of Carbohydrates Presented on Self-Assembled Monolayers of Alkanethiolates on Gold", <i>Angew. Chem. Int. Ed.</i> , 38, 782-785 (1999).
<i>am</i>	A10	Jeon, S.I. et al. "Protein-Surface Interactions in the Presence of Polyethylene Oxide", <i>J. Colloid Interface Sci.</i> , 142, 159-166 (1991).
<i>am</i>	A11	Jo, S. et al., "Surface Modification Using Silanated Poly(ethylene glycol)s", <i>Biomaterials</i> , 21, 605-616 (2000).
<i>am</i>	A12	Kapur, R. et al., "Streamlining the Drug Discovery Process by Integrating Miniaturization, High Throughput Screening, High Content Screening, and Automation on the CellChip™ System", <i>Biomediation Microdevices</i> , 2, 99-109 (1999).
<i>am</i>	A13	Mrksich, M. et al., "Biospecific Adsorption of Carbonic Anhydrase to Self-Assembled Monolayers of Alkanethiolates that Present Benzenesulfonamide Groups on Gold", <i>J. Am. Chem. Soc.</i> , 117, 12009-12010 (1995).
<i>am</i>	A14	Mrksich, M. et al., "Patterning Self-Assembled Monolayers Using Microcontact Printing: A New Technology for Biosensors?", <i>Tibtech</i> , 13, 228-235 (1995).
<i>am</i>	A15	Mrksich, M. "Tailored Substrates for Studies of Attached Cell Culture", <i>Cell Mol. Life Sci.</i> , 54, 653-662 (1998).
<i>am</i>	A16	Mrksich, M. et al., "Surface Plasmon Resonance Permits <i>in Situ</i> Measurement of Protein Adsorption on Self-Assembled Monolayers of Alkanethiolates on Gold", <i>Langmuir</i> , 11, 4383-4385 (1995).
<i>am</i>	A17	Mrksich, M. et al., "Using Microcontact Printing to Pattern the Attachment of Mammalian Cells to Self-Assembled Monolayers of Alkanethiolates on Transparent Films of Gold and Silver", <i>Experimental Cell Research</i> , 235, 305-313 (1997).
<i>am</i>	A18	Mrksich, M. et al., "Using Self-Assembled Monolayers That Present Oligo(ethylene glycol) Groups to Control the Interactions of Proteins with Surfaces", <i>Am. Chem. Soc.</i> , 680, 361-373 (1997).
<i>am</i>	A19	Mrksich, M. et al., "Using Self-Assembled Monolayers to Understand the Interactions of Man-Made Surfaces With Protein and Cells", <i>Annu. Rev. Biophys. Biomol. Structure</i> , 25, 55-78 (1996).
<i>am</i>	A20	Murphy, E.F. et al., "The Reduced Adsorption of Proteins at the Phosphoryl Choline Incorporated Polymer-Water Interface", <i>Langmuir</i> , 15, 1313-1322 (1999).
<i>am</i>	A21	Pertsin, A.J. et al., "Low-Energy Configurations of Methoxy Triethylene Glycol Terminated Alkanethiol Self-Assembled Monolayers and Their Relevance to Protein Adsorption", <i>J. Phys. Chem. B.</i> , 102, 4918-4926 (1998).
<i>am</i>	A22	Prime, K.L. et al., "Adsorption of Proteins onto Surfaces Containing End-Attached Oligo(ethylene oxide): A Model System Using Self-Assembled Monolayers", <i>J. Am. Chem. Soc.</i> , 115, 10714-10721 (1993).

EXAMINER <i>DD</i>	DATE CONSIDERED <i>4/22/02</i>
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FORM PTO-1449	SERIAL NO. 09/689,263	CASE NO. 7814/42
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE October 11, 2000	GROUP ART UNIT 651
APPLICANT(S): Mrksich et al.		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A23	Prime, K.L. et al., "Self-Assembled Organic Monolayers: Model Systems for Studying Adsorption of Proteins at Surfaces", <i>Science</i> , 252, 1164-1167 (1991).
	A24	Saneinejad, S. et al., "Patterned Glass Surface Direct Cell Adhesion and Process Outgrowth of Primary Neurons of the Central Nervous System", <i>J. Biomed. Mater. Res.</i> , 42, 13-19 (1998).
	A25	Sigal, G.B. et al., "Effect of Surface Wettability on the Adsorption of Proteins and Detergents", <i>J. Am. Chem. Soc.</i> , 120, 3464-3473 (1998).
	A26	Sigal, G.B. et al., "Using Surface Plasmon Resonance Spectroscopy to Measure the Association of Detergents with Self-Assembled Monolayers of Hexadecanethiolate on Gold", <i>Langmuir</i> , 13, 2749-2755 (1997).
	A27	Spinke, J. et al., "Molecular Recognition at Self-Assembled Monolayers: Optimization of Surface Functionalization", <i>J. Chem. Phys.</i> , 99, 7012-7019 (1993).
	A28	Taunton, H. et al., "Forces Between Surfaces Bearing Terminally Anchored Polymer Chains in Good Solvents", <i>Nature</i> , 332, 712-714 (1988).
	A29	Wieland, B. et al., "Electrochemical and Infrared Spectroscopic Quantitative Determination of the Platinum-Catalyzed Ethylene Glycol Oxidation Mechanism at CO Adsorption Potentials", <i>Langmuir</i> , 12, 2594-2601 (1996).
	A30	Yousaf, M. et al., "Diels-Alder Reaction for the Selective Immobilization of Protein to Electroactive Self-Assembled Monolayers", <i>J. Am. Chem. Soc.</i> , 121, 4286-4287 (1999).

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